

NEW PROGRAM PROPOSAL FORM

Sponsoring Institution(s): Columbia College

Program Title: Associate in Science in Pre-Engineering

Degree/Certificate: Associate in Science

Options: _____

Delivery Site(s): 5040

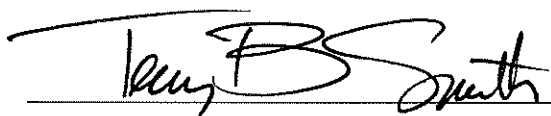
CIP Classification: 14.0102 (Please provide a CIP Code)

Implementation Date: 08/2012

Cooperative Partners: _____

Expected Date of First Graduation: 08/2014

AUTHORIZATION



Terry B. Smith, Executive Vice President and Dean for Academic Affairs

4.14.12

Date

Mara Roberts, Assistant Dean for Academic Affairs

Person to contact for more information

573-875-7525

Telephone

Form SE

Student Enrollment Projections

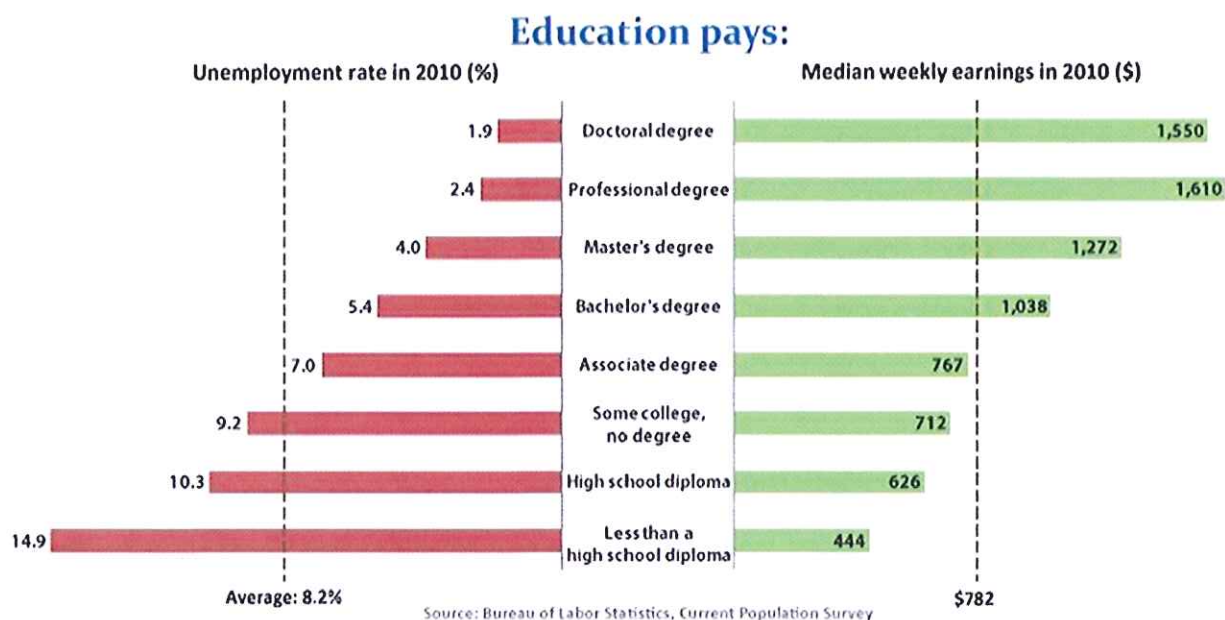
Degree: Associate in Science in Pre-Engineering (14.0102)– 5040 (Columbia College in Columbia, MO)

Year	1	2	3	4	5
Full Time	5	7	9	11	13
Part Time	7	9	11	13	15
Total	12	16	20	24	28

Market Demand

Associate in Science in Pre-Engineering

The Associate in Science in Pre-Engineering degree is designed for students who plan to transfer into an engineering bachelor's degree program after completing their general education and preliminary math and science courses at Columbia College. It is extremely important for students to work with an advisor to select coursework appropriate to the type of engineering they plan to study and to the institution they plan to transfer to.



Note: Data are 2010 median weekly earnings for persons age 25 and over. Earnings are for full-time wage and salary workers.

Societal Need

Associate in Science in Pre-Engineering

Students will provide back to their community and gain personal satisfaction, potential increase of income. Students earning the degree are providing a long-term investment for society. Education will allow for improvements, advancements, and sustainability, which will result in a return of investment for society as whole.

Associate in Science in Pre-Engineering Curriculum

A. ENGL 111 English Composition I	3 hours
B. General Education Requirements	24-28 hours
Basic Studies	
ENGL 112 English Composition II	3 hours
COMM 110 Introduction to Speech	3 hours
CISS 170 Introduction to Computer Information Systems	3 hours
MATH 201 Calculus & Analytic Geometry I	5 hours
Or MATH 215 Calculus & Analytic Geometry IA	3 hours
HIST 121 American History to 1877	3 hours
Or HIST 122 American History since 1877	3 hours
Or HIST 102 Western Civilization II	3 hours
Or POSC 111 American National Government	3 hours
ECON 293 Macroeconomics	3 hours
Or ECON 294 Microeconomics	3 hours
Arts, Humanities, History, Social and Behavioral Sciences	6 hours
Two additional courses are chosen by the student in consultation with an advisor.	
C. Major Area Requirements	26-28 hours
MATH 122 Calculus II	5 hours
Or MATH 226 Calculus & Analytic Geometry IB	3 hours
And MATH 235 Calculus and Analytic Geometry IIA	3 hours
MATH 300 Multivariate Calculus	3 hours
MATH 370 Differential Equations	3 hours
PHYS 211 Calculus-Based Physics I	5 hours
PHYS 212 Calculus-Based Physics II	5 hours
CHEM 110 Chemistry I	3 hours
CHEM 111L Introductory Chemistry Lab Experience	2 hours
D. Major Area Electives	3-5 hours

Associate in Science in Pre-Engineering Curriculum

At least one additional course should be selected in consultation with an advisor from the following list.

Science lecture course must be taken in combination with lab component

BIOL 110 Principles of Biology I	3 hours
BIOL 110L Principles of Biology I Laboratory	2 hours
CHEM 112 Chemistry II	3 hours
CHEM 112L Chemistry II Laboratory	2 hours
CISS 238 Java Programming	3 hours
CISS 240 Introduction to Programming	4 hours
CISS 241 Programming I	3 hours
CISS 242 Programming II	3 hours
GEOL 110 Introduction to Physical Geology	3 hours
GEOL 110L Introduction to Physical Geology Laboratory	2 hours
ENGL 204 Technical Writing	3 hours
MATH 303 Linear Algebra	3 hours
MATH 338 Mathematical Statistics and Probability	3 hours
E. Open Elective	0-4 hours

Institutional Characteristics

Columbia College is particularly well equipped and suited to support the proposed program based on its current operations, achievements, stability, and history of successful program implementation.

Founded in 1851, Columbia College has been helping students advance their lives through higher education for more than 150 years. As a private, non-profit, coeducational liberal arts and sciences college, the College takes pride in its small classes, experienced faculty and quality educational programs.

Originally founded as Christian Female College, the College was the first women's college west of the Mississippi River to be chartered by a state legislature. The College changed its name to Columbia College in 1970 when it changed from a two-year women's college to a four-year coeducational college.

Columbia College is a nonsectarian school welcoming students of all religious denominations. However, it has retained a covenant with the Christian Church (Disciples of Christ) since its inception.

Diverse student body. More than 1,200 students attend the Day Campus, and nearly 3,000 working adults attend the Evening Campus both located in Columbia, Mo.

More than 10,000 students attend the 34 nationwide campuses around the country. The Nationwide Campuses serve working adults, including military personnel and their families, through evening and online classes.

Columbia College is proud of its Online Campus, which offers more than 600 classes and 23 online degrees. More than 14,000 students take at least one online class at the College each year.

In addition to offering associate and bachelor's degrees, the College also offers master's degrees at the main campus in Columbia, Mo., and at selected extended campuses, as well as online.

Learn more about Columbia College by browsing our Web site (www.ccis.edu), visiting us at one of our campuses or talking to alumni and current students.

Day Campus

- Located in Columbia, Missouri
- Intentionally small classes
- Student-to-faculty ratio of 14:1
- Experienced faculty, no teaching assistants
- Home to five varsity Cougar sports in the NAIA Division I
 - Men's Basketball
 - Women's Basketball
 - Men's Soccer
 - Women's Softball
 - Women's Volleyball
- Three residence halls
- More than 30 clubs and organizations
- Serving more than 1,200 students from 15 states and 25 countries

Evening Campus

- Located in Columbia, Missouri
- 125 courses offered each session
- Classes taught in eight-week sessions
- Five sessions offered each year
- 25 academic programs
- Serving nearly 3,000 students each year

Nationwide/Extended Campuses

- Over 30 Nationwide Campuses around the country
- 10 of the campuses in Missouri
- 18 of the campuses on military bases, including one in Guantanamo Bay, Cuba
- Classes taught in eight-week sessions primarily in the evening

- Five sessions offered each year (August, October, January, March and June)
- Degrees vary by campus
- Serving more than 10,000 students each session

Online Campus

600 online courses

23 online degrees

Classes taught in eight-week sessions

Five sessions offered each year

Serving more than 17,000 students each year

Graduate Studies

Master of Business Administration

Master of Science in Criminal Justice

Master of Arts in Teaching

Master of Arts in Military Studies

Classes taught in eight-week classes primarily in the evening

Five sessions offered each year

Degrees offered in Columbia, Missouri, and at select nationwide campuses.

Serving more than 600 students each year

Faculty and staff

- 67 full-time faculty (80 percent have the highest academic degree in their field)
- More than 700 Nationwide Campus adjunct faculty
- More than 80 Evening Campus adjunct faculty
- Approximately 250 full-time and 50 part-time staff members

Accreditation

Columbia College is accredited by The Higher Learning Commission and is a member of the North Central Association of Colleges and Schools.

Columbia College Board of Trustees

Chair Daisy Willis Grossnickle '66 Columbia, MO	Vice Chairman Richard Montgomery Columbia, MO	Secretary Janet Carter Wright '58 Columbia, MO
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College Administration

Dr. Gerald T. Brouder	President St. Clair Hall, Room 102 (573) 875-7200
Dr. Terry B. Smith	Executive Vice President and Dean for Academic Affairs St. Clair Hall, Room 119 (573) 875-7500
Mike Randerson	Vice President for Adult Higher Education

St. Clair Hall, Room 128
(573) 875-7661

Bruce Boyer Controller and Chief Financial Officer
Missouri Hall, Room 310
(573) 875-7251

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Atkins-Holman Student Commons 221
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Tery Donelson Assistant Vice President for Enrollment Management
Missouri Hall 226, Room 226
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Bob Hutton Executive Director for Administrative Services
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Michael Kateman Executive Director for Development, Alumni and Public Relations
St. Clair Hall, Room 107
(573) 875-7565

Kevin Palmer Chief Information Officer
Buchanan, Room 100
(573) 875-7329

Lana Poole Executive Director of Marketing
St. Clair Hall, Room 10
(573) 875-7237

Mission Statement

Columbia College improves the lives of diverse undergraduate and graduate learners through exemplary teaching.

The liberal arts and sciences and professional programs of the College embrace and profess the values of:

Student centrism

Lifelong learning

Ethics and citizenship
Flexibility and innovation
Quality and improvement
Civility and respect
Environmental and fiscal stewardship

Our vision is to be a model institution.

Pride Points

For the eighth year in a row, Columbia College has been ranked in the top tier of "America's Best Colleges" by U.S. News & World Report. Columbia College earned the No. 58 spot as one of America's "Best Regional Universities-Midwest" and also ranked No. 2 for "Least Debt Load," a newer category listing schools whose class of 2010 graduated with the least amount of debt. Columbia College's online bachelor's degree programs, the MBA and the Master of Arts in Teaching were recognized in the first-ever edition of Top Online Education Programs by U.S. News & World Report, released January 2012. Recognition was based on teaching practices and student engagement, faculty credentials and training and student services and technology. In order to be considered for the rankings, online degree programs needed to have at least 80 percent of their course content available online.

Military Advanced Education, a publication that focuses on educational services and opportunities for military students, listed Columbia College in its 2012 Guide to Military-Friendly Colleges & Universities. According to MAE, with a record number of submissions, this year's guide is more comprehensive than ever before. Selected schools have met rigorous criteria informed by education services officers across the services and have truly earned the designation of "military-friendly." Institutions such as Columbia College, says MAE, set the gold standard for serving the men, women, spouses and retirees who serve or have served our country.

G.I. Jobs magazine selected Columbia College as a military-friendly school for 2012 due to the College's steadfast commitment to educating military and student veterans. The honor places the College in the top 20 percent of all schools nationwide. The magazine evaluates institutions on such things as being a VA approved institution for the GI Bill and Yellow Ribbon benefits,

military and veteran enrollments, generous transfer credit policies, flexible learning programs and tuition benefits.

GetEducated.com, a respected clearinghouse of accredited online programs, designated Columbia College as a "Best Buy" for several online degrees. The College's online bachelor's degrees in business, criminal justice, human services, psychology, sociology and master's degrees in business and criminal justice all ranked in the top 10 best buys for their respective categories.

Columbia College has been named a 2012 Best Midwestern College by The Princeton Review, a New York City-based education services company. The College is one of only 153 schools in a 12-state region to receive the "Best Midwestern College" designation. Colleges were selected based on academic excellence and surveys of current students.

The Princeton Review calls Columbia College a "small community with great teachers and lasting friendships" and a college that is serious about "educating the whole person," where academics are bolstered by a "full college experience," and general education requirements ensure that "everyone receives a well-rounded education no matter what one's major is."

According to the Princeton Review's website, "Columbia College opens doors for its students to experience new discoveries, relationships and areas of knowledge that can be explored through thought-provoking, honest dialogue — both in and out of the classroom."

"Academics are strong, grounded in the liberal arts and sciences and offered in a learning environment characterized by civility and respect. Students feel at home on the beautiful campus, located in Columbia, Mo., thanks to the private College's close-knit community where opportunities to get involved are plentiful."

Columbia College is one of only 250 higher educational institutions in the U.S. and six in Missouri to be named a "College of Distinction" by Student Horizons, Inc., an organization that

seeks to go beyond commercially driven rankings of admission selection standards to focus on the quality of education students receive.

Colleges are recognized for their commitment and performance of the “Four Distinctions:” engaged students, great teaching, vibrant communities and successful outcomes. The selection process also involves reviewing faculty/student ratios, average class size, the student first-year experience, general education curriculum, experiential elements in the curriculum, residential and extra-curricular activities and the school’s strategic plan.

Quality Assurance for Off-Site Programs

A. General Oversight: Describe the manner in which this program will be managed. How does the management of this program fit within the institution's academic administrative structure?

The Director of the campus is responsible for institutional program administration. The Director ensures that the program will be managed at the campus location. Mike Randerson, the Vice President for Adult Higher Education is responsible for all off campus programs. He reports directly to the President and works through the Executive Vice President and Dean for Academic Affairs on all academic issues. The Adult Higher Education office is staffed by one Dean, three Associate Deans, four Assistant Deans, a Director of Budget & Personnel, a Director of Compliance, a Director of Special Projects, a Faculty Coordinator, an Academic Advisor Coordinator & Trainer, a Personnel Coordinator, an Accounts Payable Coordinator, a Compliance Specialist, an Executive Assistant, and three administrative assistants. Attached are copies of the organizational charts for Columbia College Adult Higher Education Division.

(Attachment 1: Organizational Charts)

B. Faculty Qualifications: How do the qualifications of faculty at this site compare with those of faculty for this program at the main campus? Please note the comparable data regarding the proportion of course-section coverage by full-time faculty at each site.

All adjunct faculty teaching at the main campus, online or at one of the nationwide campuses, must meet the same requirements established by the academic departments at the main campus. The minimum requirement for teaching any class is a master's degree in the field with relevant graduate coursework and/or professional or college-level teaching experience related to the subject matter of the course being taught. The campus director is responsible for recruiting, screening and interviewing potential faculty members. If the candidate meets the criteria established by the main campus, the director submits the candidate's academic transcripts, current resume and other appropriate documentation to the main campus with a recommendation that the candidate be approved to teach specific courses. Similarly, the director recommends current instructors to teach additional courses based on the departmental criteria. The Division of Adult Higher Education compares the recommendation against the established standards and forwards the recommendation to the appropriate academic department for review. The department reviews the candidate's credentials and recommends approval or disapproval (of each course requested) to the Executive Vice President and Dean for Academic Affairs, who is the final approving authority. If approved, the director offers teaching assignments to the adjunct faculty member as needed.

NOTE: other than Nursing faculty at one location in Missouri, there are no full-time faculty teaching at nationwide campus locations.

C. Supportive Services: Describe how the institution will ensure that students at this site will be able to access services such as academic support, library, computing, and financial aid, as well as other administrative functions, at a level of quality comparable to that of on-campus programs.

(Attachment 2: General Information About Stafford Library)

Computing:

All Columbia College students are required to take or have earned the equivalent of CISS 170 – “Introduction to Computer Information Systems.” In the 2011-2012 AHE Undergraduate Catalog (page 63) this course is described as an “Overview of computer hardware, software, programming, and information systems as applied in the modern business environment. Hands-on applications of word processing, spreadsheets and data management software are used to explore use of microcomputers in business.”

Library Resources:

All students have access to extensive Stafford Library electronic resources provided by the College. Students may access the online library via the Internet using their Columbia College eServices login and password. In addition, Missouri campus students have access to physical resources via MOBIUS.

Faculty are instructed to guide students to appropriate Columbia College resource databases for their disciplines. Faculty often request use of computer labs for a hands-on guide to their classes. The staff is also able to direct students to the College’s research library databases in a one-on-one tutorial.

The College program of writing across the curriculum means that many courses, at both the upper and lower level, require research papers or assignments requiring database research. Students become more competent in using library technologies through practice.

Academic Support:

There are academic advisors at each Nationwide campus that rely on official evaluations from the main campus. All academic advisors must meet certain minimum qualifications for the position, including a Baccalaureate degree from a regionally accredited institution with proven academic success (normally defined by a minimum GPA of 3.0). In addition, more focus is being placed on attracting and selecting candidates who have earned or are in the process of earning a Master’s degree.

Academic Advisor conferences are held at the main campus at least every two years to provide refresher and extra training to advisors. Additional training is provided by the Academic Advisor Coordinator and Trainer from the main campus, online and through visits to nationwide campuses.

The College begins assisting students with degree completion at the time of admission. Students are required to list and submit transcripts from all colleges previously attended. College staff encourage all servicemembers and, prior servicemembers, to submit an SMARTS or equivalent document as soon as possible. Servicemembers are also informed of the requirements to have an

official SOC degree plan completed by the time the student has completed five classes in order to continue to receive tuition assistance.

The main campus Evaluations Department completes a degree checklist and SOC degree plan for each eligible student as soon as all materials are provided. Turn-around time for completion of a degree plan is normally two weeks after the receipt of all documents. Academic advisement is an integral part of the degree completion process. Students are advised at regular intervals: upon admission into the College (newly admitted students are required to meet with an academic advisor prior to registering for courses); upon completion of the official evaluation; after a 90-Hour Degree Audit and; at any other time a student desires during his/her college experience. Beginning with the 2008 early fall session, students have been able to access their degree plans at any time through the eServices feature on the Columbia College website. This allows the student to view his/her degree plan and experiment with "what if" scenarios.

Degree checklists and SOC plans are kept in each student's record and are regularly updated. A final Degree Clearance Evaluation is conducted by the main campus Evaluations Department upon receipt of the student's declaration for graduation, normally two sessions prior to the anticipated graduation date.

A new academic advising Website has been established exclusively for training and distribution of knowledge/informational publications for all Columbia College campuses. A number of publications have been designed to ensure academic advisors have access to the knowledge needed to correctly advise students, including documents designed to inform advisors of possible future changes to the academic curriculum, and publications to provide additional detail and explanation on key academic policies. Additionally, an annual State of Advising report highlights the current state of advising and provides a look at future training and development activities. An academic advisor newsletter is used to illustrate various advising techniques and discuss current trends and literature.

Financial Aid:

The campus has trained staff members who address the issues of various forms of financial aid available to students. Students are able to contact the main campus Registration and Financial Call Center for information via email or an 800 number. Information regarding federal aid and military educational benefits is available in the AHE Course Catalog and online at the College Web site <http://www.ccis.edu/offices/financialaid/>.

Other Functions:

The College has contracted with Missouri Book Service (MBS Direct) to provide all textbooks and instructional materials to students. Students are able to order their textbooks via telephone or from the MBS Direct website however, students may purchase textbooks from any source they choose.

Students have multiple opportunities to attend graduation. The Columbia College main campus has two traditional graduations each year, in December and May. Graduates from any campus

are invited to attend either of these graduations. Additionally, Columbia College accomplishes over 20 other commencement ceremonies annually across the nation. Students are able to participate in any of these ceremonies. These opportunities are coordinated at the local level by the directors. All students can petition to participate in a commencement ceremony once they are within 12 credit hours of completing their degree; this allows students completing their degree requirements within the next two sessions to participate in a commencement ceremony close to the time of their actual graduation. All graduates are invited to attend the reception that follows the graduation ceremony.

Each campus holds its own commencement ceremony or participates in a combined commencement ceremony with another location. Each year, a senior representative from the main campus attends the event to confer degrees.

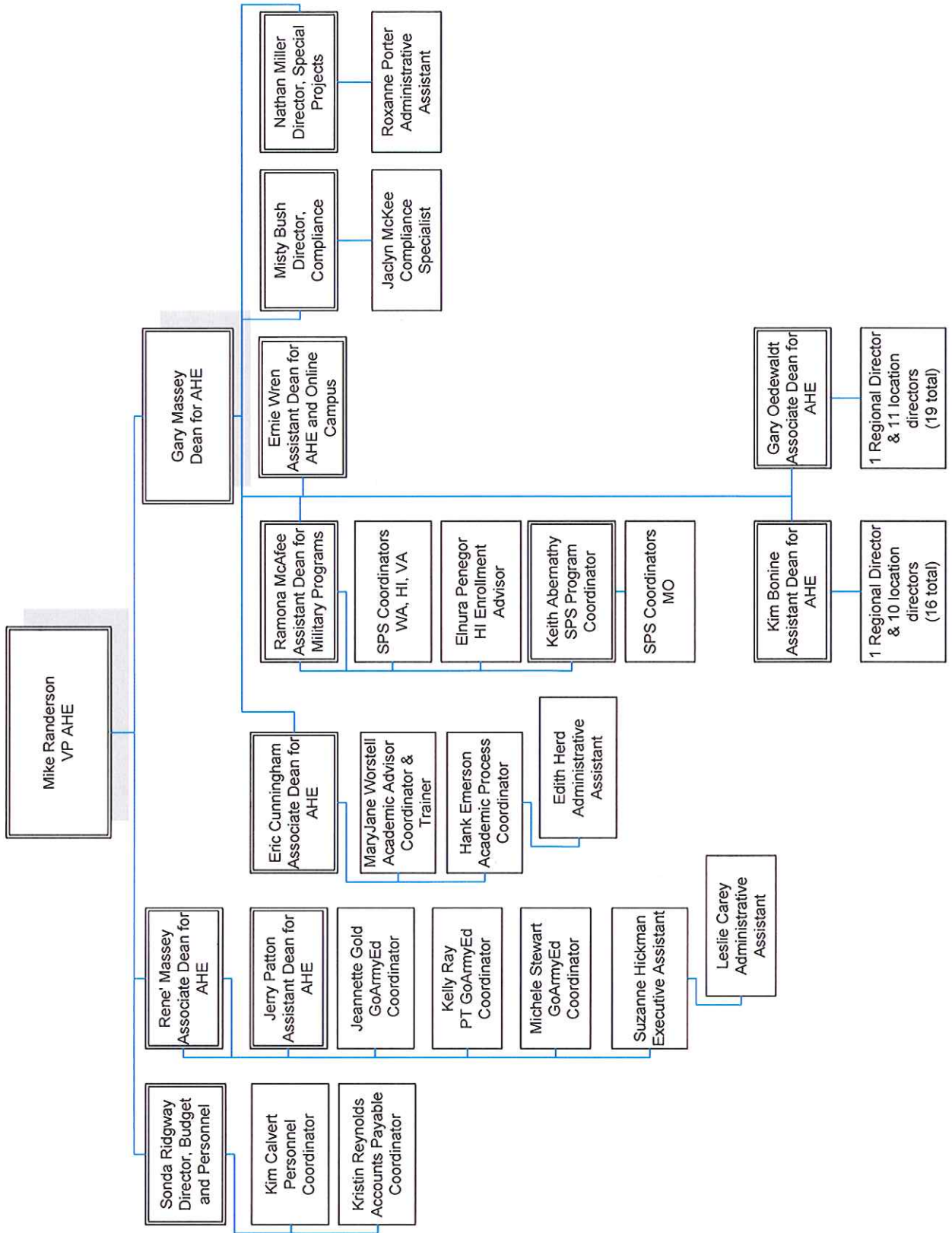
Columbia College students participate in full cap and gown, are presented with a graduation certificate, Columbia College lapel pin and a Latin Honors cord (if appropriate). Graduate students are presented with academic regalia (hoods) during the ceremony.

A reception is held immediately following graduation. Generally, at the reception, College personnel have the opportunity to mingle with the graduates, their families and guests. This also provides an opportunity for photos with graduates and College officials.

Attachment 1: Organizational Charts

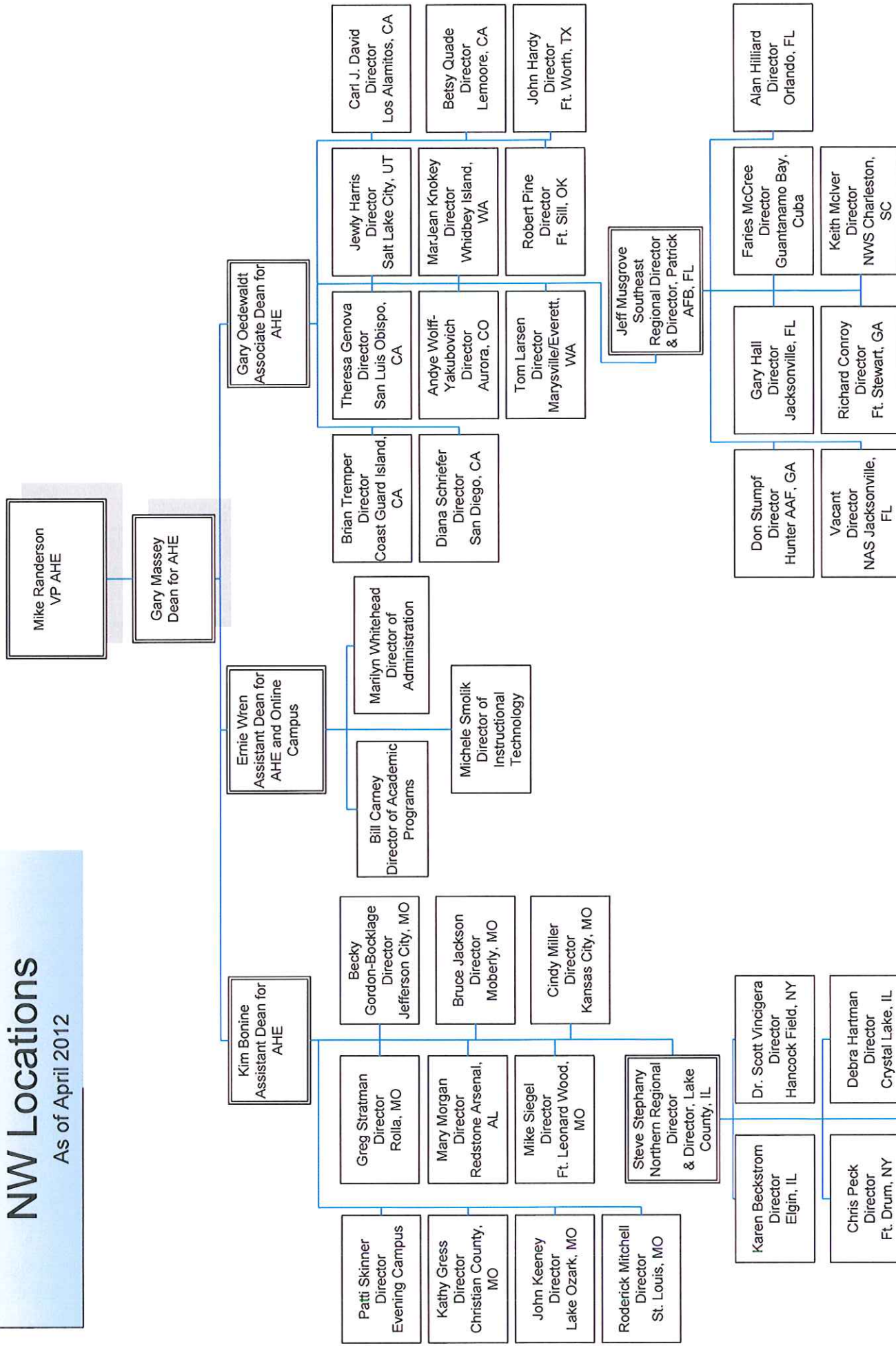
Adult Higher Education Office

as of April 2012



NW Locations

As of April 2012



Attachment 2:
General Information About
Stafford Library

General Information about Stafford Library

What are Arthur and MOBIUS?

MOBIUS is a group (consortium) of over sixty libraries throughout the state of Missouri that shares resources so patrons may borrow books not owned by their local library.

Arthur is a cluster or group of Missouri libraries, within the MOBIUS library consortium. It consists of six libraries in the central Missouri area: Columbia College, Lincoln University, the Missouri State Library, Stephens College, Westminster College, and William Woods University. The Missouri Dept. of Transportation (MoDOT), a partner of the Missouri State Library, is also accessible through Arthur.

MOBIUS is a state-wide consortium, while Arthur, part of MOBIUS, is a cluster of 6 libraries in the central part of the state.

What Is Interlibrary Loan (ILL)?

Interlibrary Loan is the service through which libraries borrow and lend resources outside MOBIUS in order to provide patron access to materials not held locally. The rules governing using Interlibrary Loan are different at each library so you should check with your library about what is available to you.

What Is the Difference Between MOBIUS, Arthur, and Interlibrary Loan (ILL)?

Arthur is a group of six libraries (Columbia College, Lincoln University, the Missouri State Library, Stephens College, Westminster College, and William Woods) that is part of the MOBIUS consortium. Interlibrary Loan is used to obtain material from libraries both in and outside of the state of Missouri that are not part of MOBIUS.

I have an ID I use to check out books, but what is a Location Code?

The Location Code is an abbreviation that stands for your institution. In Arthur the codes are: Columbia College - CC, Lincoln University - LU, Missouri State Library - M, Stephens College - SC, Westminster College - WC, William Woods University - WW. You will also find your campus code on the request page.

Can I get a book or a photocopied article from another library?

Yes, you can borrow books from any MOBIUS member library in person or by requesting the book through the catalog system. You can get books from outside the MOBIUS system by using Interlibrary Loan. While you cannot get photocopied articles from another library through the MOBIUS system, you can get them through Interlibrary Loan. See the sections on MOBIUS and Interlibrary Loan in this FAQ.

Where can I get help searching the catalog?

If you can't find the answer to your questions in this FAQ, contact a librarian at your library for assistance.

Can I go to another library and use their facilities?

Yes, you can visit any MOBIUS member library, use their facilities and check out books. A list of member libraries is available at <http://searchmobius.org/screens/libinfo.html> . You can find

the hours of the library on their home pages. There are a few things to keep in mind before you go:

1. Take the card you use to check out materials from your own library. The number you use to check out materials could be your student ID, your social security number, or a specifically assigned library number; it is whatever *your* library uses. For more information check with your library. If your ID card is not a picture ID take a picture ID with you.
2. Check with your home library before you go to make sure your account has all the necessary information. If your account is blocked for overdue books, fines or any other reason, you will need to clear that up before you can check out books at another library.
3. Remember your cluster is Arthur and find out what your home library uses for "Campus ID" and make note of your campus code.
4. Books are the only items you can check out from another library. Non-book items cannot be checked out from libraries other than your own. Some schools may allow you to use their periodical collections, but may not allow you to use their databases. If you need to use audiovisual equipment or materials, periodicals, databases, or any other non-book items check with the library in question before you go.

Does the online catalog contain full-text journal articles?

No. What you see in the online catalog is a record of the print periodicals any particular library holds in their collection. The record will have information such as the location within the library, the call number, and what issues of that journal the library owns.

Can I get full-text journal articles?

Check with your home library to find out what options you have. If your library does not have the online or print full-text of the article you need, they may be able to get it for you through Interlibrary Loan. Keep in mind that this may be a long process often taking more than two weeks.

How do I renew books?

- Open your web browser to your library's catalog.
- Follow the link that allows access to your library account.
- Enter your name and ID number as requested on the form. Remember to add the campus code to your ID number.
- Click the "Submit" button.
- On the next page, click the "Checked Out" button.
- Once your list of items appears, you can choose to renew any or all items by clicking the appropriate boxes and then clicking on the "Renew Marked" button, or you can renew your entire list by clicking the "Renew All" button.

Important note: Not all items are renewable. Check the status of your item(s) after submitting your renewal command. If it renewed successfully a new due date will appear. If not, there will be a message showing the reason. Books from other institutions can take time to renew. Check back after a while to see if the renewal was successful. If you have questions or problems, please call or e-mail the circulation department at your library.

Help Using the Catalog to Search for or Request Books

How long does it take to get the books I requested?

Requested books should be delivered in approximately two to three working days. Your library will notify you when your request arrives. If you have questions or problems contact your library.

How many books can I have out at one time?

At the MOBIUS level undergraduates can have 10 books at one time and faculty and graduate students can have 20 books at one time. However, each library has its own limits regarding total items checked out, so you should inquire at your library.

How long can I keep books from other libraries?

Books may be kept 30 days from libraries in the Arthur cluster and 21 days for books from other libraries in MOBIUS. You may renew books from other libraries, unless it is overdue or there is a hold on the book.

How do I find the books I need?

Look for a book in your own library first. Expand your search to the Arthur catalog, then MOBIUS, if necessary.

Search for items by keyword, title, author, subject heading or call number. Use keyword to locate general topics (example: horses and diseases). Tips to help fine tune your keyword search and assistance creating an advanced keyword search are available in the "Keyword" or "Advanced Search" sections of both the Arthur and MOBIUS catalogs.

If the item you need is not found or is not available in your library, click on the drop-down menu function directly to the right of your library's name to display your other options. Select another library to search, or choose "All Arthur Collections" and click on the "Submit" button to the right to rerun your search.

How do I find books in other libraries?

Look for a book in your own library first. Expand your search to the Arthur catalog, then MOBIUS, if necessary.

Starting in the Arthur catalog.

You can search online from your home or office at <http://arthur.searchmobius.org/search/> .

Search for items by keyword, title, author, subject heading or call number. Use keyword to locate general topics (example: horses and diseases). Tips to help fine tune a keyword search or for assistance creating an advanced keyword search are available in the "Keyword" or "Advanced Search" section of both the Arthur and MOBIUS catalogs.

If the book you want is not found or is not available from your library, click on the drop-down menu directly to the right of your library's name to display your other options. Select another library to search, or choose "All Arthur Collections" and click on the "Submit" button to the right to rerun your search in all six library catalogs simultaneously.

You are able to request books you find in either the Arthur or the MOBIUS catalogs.

Expanding Your Search to the MOBIUS catalog.

If you have not found the books that you want at your library or in Arthur, or want a greater selection of material, click on the "Search MOBIUS" button in the Arthur catalog. This extends your search into MOBIUS, the combined catalog for academic libraries in Missouri. You are able to request books you find in either the Arthur or the MOBIUS catalogs.

If you do not find the books you are looking for in either the Arthur or MOBIUS catalogs check with the Reference or Interlibrary Loan department of your library. They can assist you in locating the materials that you need. Keep in mind that Interlibrary Loan can take some time.

How do I request books from other libraries?

From the Arthur catalog, perform a search and if you would like to request an item from another institution, click on the "Request" button.

The next page is the request form. Fill out the information on the form as directed. Be sure to use the location code with your ID number. Also carefully select the location where you want to pick up the book(s). Click on "Submit."

The next page will indicate whether your request went through successfully or not. If it was successful, expect a turnaround time of at least two to three work days. Your library will notify you when the requested books arrive and are available to checkout.

If your request did not go through, double-check your personal information to make sure it is formatted as shown in the examples and that you have added the campus code to your ID number. Resubmit your request. If you continue to have problems, or if you have any questions, contact your library.

How do I find the call number and location of a periodical?

Select "Journals, Magazines, Newspapers" in the "Search Options" box. Enter the title you want to find.

How do I find items put on Reserve by my instructor?

Visit your library's catalog for course reserves or contact your library with questions.

How do I search for videos?

Select "Advanced Search" in the "Search Options" box. Use the drop-down menu "Format" to choose "Videos."

How do I search for music scores?

Select "Advanced Search" in the "Search Options" box. Use the drop-down menu "Format" to choose "Printed Music."

How do I locate music CDs?

Select "Advanced Search" in the "Search Options" box. Use the drop-down menu "Format" to choose "SOUND RECORD."

How do I find computer related or tutorial CDs?

Select "Advanced Search" in the "Search Options" box. Use the drop-down menu "Format" to choose "Computer File."

How do I find books written for children and young adults?

Select "Children's Subject" in the "Search Options" box and enter your subject. If you are looking for a particular author or title, choose "Author" or "Title" from the search menu.

How do I limit my search to government documents?

You can only do this if you have the Government Document Call Number. If so, select "Numbers" in the "Search Options" box on the Arthur Library Catalog - All Arthur Collections page, then select "Government Document Call Number". Enter the number and click on the "Submit" button.

How do I save the results of a search in the catalog?

See the section [Saving Searches/Making Lists](#) below for this information.

What does the Quick Search box do?

You can quickly do almost any kind of search with the Quick Search box without going to another search page. Use the "Search by" drop-down menu to see the types of searches you can perform. If you are not familiar with the Catalog, we suggest you look at the "Search Options" box and choose a type of search (e.g. author, title, etc.). For each type of search, you will find examples that can help you with your search.

I got too many items with my search

To decrease the number of items you retrieve:

1. *Do a subject search instead of a keyword search.* "Subject (LC)" searches cover a standardized list of terms called subject headings created by the Library of Congress (LC). But you must use the exact LC subject heading. Children's subject headings can also be used to search for specialized materials.
2. *Do a title search instead of a keyword search.* If you know the title of the item you are looking for, type in the exact title. Sometimes you can find a handful of books with titles that begin with your topic, e.g. Management.
3. *Use the word "and" to do a keyword search on more than one concept.* The catalog will look for items that have both terms in the record. Example: television and children.
- 4.
5. *When viewing a record for an item you retrieved, check the "Subjects" field to find more specific headings/terms.* Scroll down through the record for an item you retrieved until you see the "Subjects" area. Here you will find other subject terms you may use.
6. *Use the Limit/Sort Search option or the Modify Search option to narrow to a particular publication year or years, material type, language, etc.* For example, you can search on World War II and limit the results to videotapes on the topic.

I got too few items with my search

To increase the number of items you retrieve:

1. *Do a Keyword search instead of a Subject (LC) or Children's Subject search.* A keyword search covers more fields, such as title, notes, etc.
2. *Use the word "or" to search on variations of a concept.* Using "or" to link two words will result in a larger number of hits for your search. Example: Amazon or Amazon.com, and another example: Management or Leadership.
3. *Use an asterisk (*) to truncate endings of words.* Search for variations of a word by adding an asterisk. For example, to search for training, trainer, trainers or train, type: train*.

I didn't get anything

If your search yields zero results:

1. Check your spelling. Unfortunately, the catalog won't do this for you. You can use an asterisk (*) if you know at least part of a word. Example: "Dostoevsk*" will find Dostoevsky or Dostoevskii. If you want the catalog to fill in more than 5 letters, use two asterisks. Example: "totalit**" for a search on totalitarianism.
2. Make sure you are doing the correct type of search, such as an "Author" search for authors, "Title" for titles and so on, or use a general "Keyword" search.
3. Do a search using fewer keywords. Limit the number of words you are using. For example, instead of "personnel training computer-assisted instruction," try "computer-assisted instruction evaluation," or "computer-assisted instruction training."
4. Search the MOBIUS catalog to see if another library/cluster has materials you want.

I want to limit my search but what do the options under "Format" mean?

The following list contains the formats you will find under the "Format" menu on the Advanced Keyword Search page and an explanation of the formats:

- PRINTED MATL - Book, both single and multi-volume works, or periodicals such as magazines, professional journals, and newspapers
- VIDEOS – DVDs, videotapes, or 8 or 16 mm film
- SOUND RECORD - Music, lectures, or addresses on tape, disc, or record
- ARCHIVAL MATL - Materials housed in a special collection
- PRINTED MUSIC - Music scores
- MS MUSIC - Music produced by hand, either handwritten, typewritten or on a personal computer
- PRINT MAP - Atlases and folded maps
- MS MAP - Maps produced by hand, either handwritten, typewritten or on a personal computer
- SPOKEN RECORD - Lectures or addresses on tape, disc, or record
- 2-D GRAPHIC - Visible image displayed on a flat surface
- COMPUTER FILE - Computer programs or computer readable data
- KIT - Collection of several formats
- MIXED MATERIAL - Collection of several formats

- 3-D OBJECT - An artifact such as a toy or a model of a person
- MANUSCRIPT - A handwritten or typewritten original
- E-BOOK - Electronic book, read online

Viewing Your Results/Locating Materials

How do I know which library owns the book I need?

When view the record of an item, under Location you will see an abbreviation for the library that owns the item in question. The libraries in Arthur and their abbreviations are:

Columbia - Columbia College

LU - Lincoln University

MOSL - Missouri State Library, MoDOT - Transportation Library

Stephens - Stephens College

WC - Westminster College

WmWoods - William Woods University

The book I want says the status is "LIB USE ONLY". Does that mean I can't borrow it?

"LIB USE ONLY" refers to material the owning library will not lend and can only be used in that particular library. This may include reference books, rare books, archival documents, or other special resources.

My instructor wants us to use recently published materials. How can I tell from my results list when each item was published without having to look at each one individually?

Conduct a keyword search and use the Sort feature on the keyword search page to sort by date.

Saving Searches/Making Lists

How do I save the results of a search in the catalog?

1. With the results of your search on the screen, place a check mark in the "Mark" box beside each item you want.
2. Press the "Save Marked for Print/Email" option at the top or bottom of the result list. Continue to mark and save records on subsequent pages.
3. When ready to retrieve your list, select the View/Export Saved Records option at the top or bottom of the screen.

I marked some records but I don't see the option to print or email my list.

When you mark records, you must select the "Save Marked for Print/Email" option at the top or bottom of **each page**. If you leave a page without pressing this button, your marks will disappear. Once you have saved your marked records, you will see an option at the top of the screen which allows you to View/Export Saved Records.

How can I print/download/email a list of items from the catalog?

1. Do a search and have the search results on your screen.
2. Place a check in the "Mark" box beside each item you want.

3. Select the "Save Marked for Print/Email" option at the top or bottom of the result list.
4. Continue to mark and save records on subsequent pages.
5. When ready to retrieve your list, select the View/Export Saved Records option at the top or bottom of the screen.
6. The screen that appears will provide options for emailing or saving the list. You may also display it on your screen and print it out.

Can I conduct a search, save it, and come back to it at a later date?

Yes. The first step in conducting searches you wish to use at a later date is to log into your library account.

- Open your web browser to <http://arthur.searchmobius.org/search/>.
- Select "My Library Account."
- Enter your name and ID number as requested on the form. Remember to add the location code to your ID number. Click "Submit."
- Select "New Search" or select a type of search in the "Search Options" box.
- On the page with your search results you will see a button labeled "" When you click on that bar your search will be saved and you will be able to go back to it at a later date by logging into your account and using the link "Preferred Searches."

When you access your saved searches you will be able to delete searches or mark searches for email. If you mark a search for email you will receive an email whenever your library receives new material that matches your search.

Library Visiting Policies

If you are a patron at a MOBIUS institution ([listed here](#)), you can visit other MOBIUS institutions to check out books. The institutions in the Arthur cluster have compiled information about materials and services available to visiting MOBIUS members. The information below covers some of the most frequently asked questions about visiting another library. If you have further questions not answered below, contact the institution directly.

	Columbia College	Lincoln Universit y	Missouri State Library	Stephens College	Westminst er College	William Woods Universit y
May MOBIUS walk-in patrons use subscription databases in your institution?	Yes	Yes, with current university ID	Yes	Access is restricted to Stephens College faculty, staff, and students	Yes	Faculty, staff and students of William Woods University only

				only		
What process for identification/ authorization will MOBIUS members have to go through to use subscription databases?	MOBIUS patrons would need to present a current campus picture ID	MOBIUS patrons would need to present a current university ID	None	N/A	MOBIUS patrons would need to present a current campus picture ID	N/A
Can MOBIUS members --print out information from computers --access copiers? What is the price for doing so?	Printing - Yes, Donations accepted Copying - Yes -5 cents/page	Printing - Yes Copying - Black and white copies - 15 cents/page; color copies - 50 cents/page	Printing - No Copying - Yes -10 cents/page	Printing and Copying Yes, 5 cents for black and white copies, 50 cents for color	Printing - Yes, 10 cents/page Copying - Yes -10 cents/page	Printing - No Copying - Yes -10 cents/page
What is the policy regarding book check out by MOBIUS members?	MOBIUS patrons may check out books in person	MOBIUS patrons may check out books in person with current university ID	MOBIUS patrons may check out books in person	MOBIUS patrons may check out books in person	MOBIUS patrons may check out books in person	MOBIUS patrons may check out books in person
What identification/authorization process will MOBIUS members need to go through in order to check out books in person?	Institutional ID, if ID does not include picture then a second ID with a picture is required.	A current MOBIUS institution ID.	A current MOBIUS institution ID.	A current MOBIUS institution ID.	A current MOBIUS institution photo ID.	Institutional ID, if ID does not include picture then a second ID with a picture is required.
Can MOBIUS members	MOBIUS	Yes, the	Materials	MOBIUS	MOBIUS	MOBIUS

<p>use other materials in the library, such as CDs or DVDs? Is equipment available for their use?</p> <p>What identification/authorization process do they need to go through?</p>	<p>patrons with institution ID may use in-house library materials such as CDs, DVDs, etc. during their visit. Equipment is available for in-house use.</p>	<p>visiting patron is allowed to use these items in the library when they present a current MOBIUS institution ID.</p>	<p>may be used in the library. Equipment to use non-book materials is limited. No authentication process is necessary.</p>	<p>members may use non-print materials in the library and equipment is available. Present an institution-issued photo I.D. at the circulation desk</p>	<p>patrons with institution ID may use in-house library materials such as CDs, DVDs, etc during their visit. Equipment is available for in-house use.</p>	<p>members may use on-site equipment for playback of CDs, videotapes and DVDs, providing the equipment is not in use by William Woods University faculty, staff or students.</p>
<p>Can MOBIUS members check out non-book materials if they come to the library in person?</p> <p>What identification/authorization process do they need to go through?</p>	<p>No</p>	<p>No</p>	<p>Yes. Same as process for checking out books.</p>	<p>No</p>	<p>No</p>	<p>No</p>

Contact an Arthur Library

Columbia College, Stafford Library

1001 Rogers St.

Columbia, MO 65216

Front desk: 573-875-7381

reference@ccis.edu

Lincoln University, Page Library

712 Lee Street

Jefferson City, MO 65101

Circulation: 573-681-5504

Missouri State Library, Reference Services Division

600 W Main St

Jefferson City, MO 65101

Front desk: 573-751-3615

libref@sos.mo.gov

Stephens College, Hugh Stephens Library

1200 E. Broadway Columbia, MO 65215

Circulation: 573-876-7182

Reference: 573-876-7181

circulation@stephens.edu

Westminster College, Reeves Library

501 Westminster Ave

Fulton, MO 65251

Circulation: 573-592-5247

reeves.library@westminster-mo.edu

William Woods University, Dulany Library

One University Ave

Fulton, MO 65251

Circulation: 573-592-4289

Reference: 573-592-4279

reference@williamwoods.edu